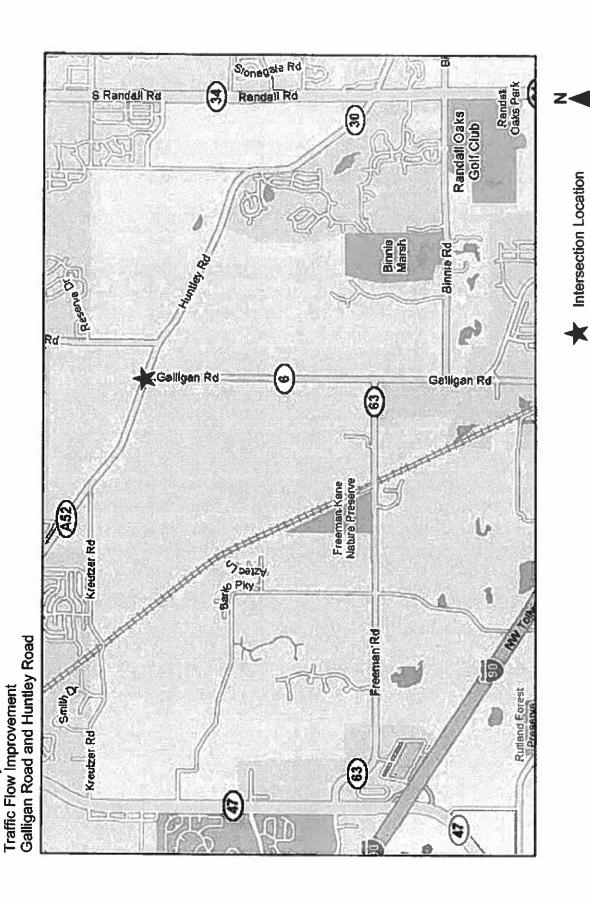
# CMAP FY 2009 CMAQ PROJECT APPLICATION FORM TRAFFIC FLOW IMPROVEMENTS

I. PROJECT IDENTIFICAT			ROVENIEN				
PROJECT SPONSOR	11011		CONTACT INF	ORMATI	ON – NAM	Æ. TITLE.	
Kane County	AGENCY, ADD	AGENCY, ADDRESS, PHONE, FAX.E-MAIL					
OTHER AGENCIES PARTICIP	ATING IN PROJE	CT					
				ريم		×	
TIP PROJECT ID, IF PROJECT	IS ALREADY IN	FY 07-12 TIP	_				
II. PROJECT LOCATION	Note Projects not re	adily identified by location	should provide a project ti	le on the last	line of the P	roject Location section	
NAME OF STREET OR FACIL	ITY TO BE IMPRO	OVED	MARKED				
Huntley Road			County H				
PROJECT LIMITS: NORTH/WEST At Galligan Road	REFERENCE POINT/	CROSS ST/INTERSECTION	ON MARKED I County Hig			ALITY & COUNTY orated Kane County	
PROJECT LIMITS: SOUTH/EAST	REFERENCE POINT/	CROSS ST/INTERSECTIO	N MARKED	ROUTE#	MUNICIF	ALITY & COUNTY	
OTHER PROJECT LOCATION	INFORMATION (	OR PROJECT TITLE					
H DDALECT PRIANCRY	2 A CNAA DID						
III. PROJECT FINANCING	& CMAQ FUI	NDING REQUES	<u> </u>	0.7	LIER BOD	CD . L DID ID C	
	STARTING	TOTAL PHASE COSTS	CMAQ FUNDS REQUESTED			ERAL FUNDS Q funding here.	
	YEAR	(THOUSANDS)	(THOUSANDS)	FUNI	TYPE	AMOUNT	
ENGINEERING PHASE 1	2009	\$100	\$80			s	
ENGINEERING PHASE 2	2010	\$120	\$96			s	
RIGHT-OF-WAY ACQUISITION	2011	\$500	\$400			s	
CONSTRUCTION (INCLUDING CONST ENG)	2012	\$1,325.5	\$946.8 (1) 60			s	
ENGINEERING (FOR IMPLEMENTATION PROJECTS)		s	s	Ü.		<b>S</b> .,	
IMPLEMENTATION		s	s			s	
ALTERNATIVES ANALYSIS		s	s		Œ	s	
TOTAL P	ROJECT COSTS:	\$1,903.5	\$1522.8				
SOURCE OF LOCAL MATCHI	NG FUNDS:	Impact Fees					
NOTE: IF SOFT MA		ARE INTENDED TO	BE USED, PLEASE	CONTAC	СТ СМАР	STAFF.	
HAVE THE MATCHING FUND SECURED (PROVIDE DETAIL							
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		2					

## CMAP FY 2009 CMAQ PROJECT APPLICATION FORM TRAFFIC FLOW IMPROVEMENTS – PAGE 2

IV. PROJECT EMISSIONS BENEFIT DATA					
TYPE OF PROJECT (CHECK ONE) ☑ INTERSECTION IMPROVEMENT □ BOTTLENECK ELIMINATION					
PROJECT LENGTH (MILES – BOTTLENECK ELIMINATION AND MULTIPLE INTERSECTIONS ONLY): 3000 feet					
POSTED SPEEDS (MILES PER HOUR FOR EACH STREET):					
Galligan Road: 50 mph, Huntley Road: 50 mph					
CURRENT TRAFFIC VOLUME FOR EACH STREET (ADT – INDICATE YEAR):  Galligan Road: 5,300 (2006), Huntley Road: 12,900 (2006)					
WILL PEDESTRIAN OR BICYCLE FACILITIES BE ADDED AS PART OF THIS PROJECT? ☐ Yes ☑ No					
If "Yes" is checked, complete the sections on pedestrian/bicycle facilities in the Project Scoping Report  DO QUEUES CURRENTLY CLEAR ON THE MAJOR STREET AT SIGNALIZED INTERSECTIONS IN THE PM PEAK					
PERIOD? I Yes I No					
V. PROGRAM MANAGEMENT INFORMATION					
IS RIGHT-OF-WAY ACQUISITION REQUIRED FOR THIS PROJECT?   ☑ YES □ NO					
IF SO, HAS RIGHT-OF-WAY BEEN ACQUIRED? ☐ YES ☑ NO					
INDICATE THE STATUS OF THE PRELIMINARY DESIGN: □ N.A. ☑ Not Begun □ Underway □ Submitted □ Approved					
ESTIMATED COMPLETION YEAR: 2012					
VI. PROJECT DESCRIPTION AND MAP					
1. PLEASE DESCRIBE PROJECT. FOR OUTREACH, PROMOTION OR MARKETING EFFORTS GIVE SPECIFIC DETAILS OF THE CAMPAIGN. DESCRIBE THE COORDINATION OF THESE EFFORTS WITH RESPECT TO OTHER SUCH CAMPAIGNS (SEE SECTION I.6 ON PAGE 31 OF THE INSTRUCTIONS):					
Addition of west bound left turn lane, north bound right and left turn lane, and east bound right lanes (separate). No traffic signal. See attached map.					
±					
2 DROJECTIAL DI BLOT ATTICOLI ALLO TOPO DE LA CONTRACTORIO DE LA CONTR					
2. PROJECT MAP. PLEASE ATTACH A MAP TO THE APPLICATION FORM. INFORMATION MUST BE SUFFICIENT TO ACCURATELY LOCATE THE PROJECT ON A LOCAL STREET MAP. HAND DRAWN MAPS OR MAPS PRODUCED BY					
GIS SYSTEMS ARE ACCEPTABLE MAPS FROM TELEPHONE BOOKS WILL NOT BE ACCEPTED					



880

FY09 CMAQ Application

Kane County

#### CMAQ FY 2009 PROJECT SCOPING REPORT

FOR PROPOSED INTERSECTION IMPROVEMENTS, BOTTLENECK ELIMINATIONS. BICYCLE/PEDESTRIAN, AND COMMUTER PARKING FACILITY PROJECTS

FOR PROJECTS FOR WHICH A PROJECT DEVELOPMENT REPORT IS NOT NOW BEING REVIEWED

#### PART I. OVERVIEW

COMMON ROUTE NAME: Huntley Road ROUTE	E MARKING: COUNTY HIGHWAY 30
LIMITS: FROM: AT GALIGAN ROAD	
COUNTY: Kane	
FIELD/SITE REVIEW DATE: January 8, 2008	
FIELD REVIEW PARTICIPANTS:	
JURISDICTIONS INVOLVED:	
Kane County	
KEY PEOPLE:	
Name	Name Name
Title.	Title Tallie Manage
Phone/fax	Phone/fax (GIII) 584-11/0/ 584-11/0/

#### PART II. EXISTING CONDITIONS

VERTICAL CLEARANCE RESTRICTIONS (existing profile/overhead structures): Overhead utilities.
HORIZONTAL RESTRICTIONS (ROW/sidewalks/curb & gutter/buildings):
UNUSUAL SOIL CONDITIONS (CHECK ALL THAT APPLY):  □ wetlands □ cattails in ditches □ bogs □ dry land bridges □ contaminated soil
UTILITIES INVOLVED (CHECK ALL THAT APPLY):  ☑ electrical ☑ gas ☑ telephone ☑ cable ☐ sewer ☐ water ☐ pipelines ☐ other
SPECIAL SAFETY CONSIDERATIONS (high accident spots and sections): None
CROSSED OR ADJACENT BRIDGES:  ☐ Applicable (Complete and include one or more copies of Attachment 1)  ☑ Not Applicable  SIGNALIZED INTERSECTIONS:  ☐ Applicable: Complete and include for each intersection:  • one copy of Attachment 2  • two Input Module Worksheets (one for current conditions and one for conditions after the proposed project)  • if signals are actuated, the Actuated Controller Properties page of the Input Module Worksheet  • As many Actuated Controller Coordination pages of the Input Module Worksheet as warranted, i.e., based on extended side-street leading left-turn phases  ☑ Not Applicable
UNSIGNALIZED INTERSECTIONS NEEDING UPDATE:  ☑ Applicable: Complete and include for each intersection:  • one copy of Attachment 3  • two Input Module Worksheets (one for current conditions and one for conditions after the proposed project)  ☐ Not Applicable
DRAINAGE DATA: ☑ Complete and include one or more copies of Attachment 4
RAILROADS:   Applicable (Complete and include one or more copies of Attachment 5)  Not Applicable

#### PART III. ENVIRONMENTAL AND SPECIAL DATA

Documented (IDNR) or possible wetlands: ☐ Yes ☑ No:  Location(s)
Parks or Forest Preserve: ☐ Yes ☑ No: Location(s)
4(f) Involvement □ Definite □ Possible
Cultural resource involvement (check all that apply):  ☐ Historic district ☐ Historic structure ☐ Historical marker  ☐ Other eligible historic designations ☐ Other cultural resources  Location(s)
Adjacent land use (Check all that apply)  ☐ Residential ☐ Office/Retail ☐ Schools ☐ Industrial ☐ Park or Forest Preserve ☐ Other Institutional ☑ Agriculture
Hazardous materials (UST, LUST, other hazardous waste sites) ☐ Yes ☐ No
Potential contaminated soils:
Local Acceptability (a federally accepted public involvement program will be prepared during project development)
Is there local public support, generally? ☐ Yes ☐ No
Has the affected public been involved/informed? ☐ Yes ☑ No
How?

#### PART IV. PROPOSED SCOPE OF WORK

Engineering (Enter cost if e	ligible for feder	al funding):		
Phase I (preliminary	design)	\$ <u>100.000</u>	% complete 0	Months to complete12_
Phase II (plans, spec	s and estimates	) \$ <u>120.000</u> _	% complete <u>0</u>	Months to complete12_
Right of way needed: ☐ No	☑Yes: Estima	ted cost \$_ <u>500.</u>	000	
Utility Relocation ☐ No ☑	Yes: Cost \$	0		
Construction: Cost\$1.	183.500.00	Months to co	mplete: 8	Calendar Year 2012
(INCLUDE DETAILED CO	ST ESTIMATE	FOR CONSTR	UCTION ITEMS ON F	OLLOWING PAGE).
Pavement wi Shoulder or ¡ Median: □ N	imensions (If ap hrough lanes (Ro idth <u>40 FT</u> parkway width: None □ Raised I Parking)	oads): <u>2</u> 		
Project Length: 3.0	00 FT_			
necessary.	ovements (Num ls (Number	ber) mber) ons (Describe ting facilities) ements be improvemen	☐ Bottleneck elimina ☐ Traffic signal mod ☐ Structural improve ☐ Roadside Improve ☐ positive barriers, of ☐ New/Relocated Tr ☐ ADA Access Impr ☐ Commuter Parking  ts in the space below.	dernization (Number) ements ements (Retaining walls, etc.) rain Station
Drainage:  ☐ Urban (Enclosed)  Is detention required? ☐ In line detention ☐ Detention basin	☑ Rural (Ope ☐ No ☐ Yes ☐ New outlet ☐ Detention	s (If yes. check ts (Where?)	type below)	

#### DETAILED ESTIMATE OF CONSTRUCTION COSTS

Item	Description	Unit	Quantity	Unit Price	Total
1	EARTH EXCAVATION / EMBANKMENT	CU YD	10,000	\$30.00	\$300,000
2	STORM SEWER	LUMP SUM	1	\$10,000.00	\$10,000.00
3	BITUMINOUS CONCRETE PAVEMENT/AGGREGATE BASE COURSE	SQ YD	4,000	\$50.00	\$200,000.00
4	COMBINATION CONCRETE CURB & GUTTER	FOOT	1,000	\$20.00	20,000.00
5	BITUMINOUS CONCRETE SURFACE COURSE	TON	2.500	\$100.00.00	\$250,000.00
6	LANDSCAPING	LUMP SUM	1	\$20,000.00	\$20,000.00
7	TRAFFIC CONTROL & PROTECTION	LUMP SUM	1	\$30,000.00	\$30,000.00
8	CONSTRUCTION STAKING	LUMP SUM	1	\$20,000.00	\$20,000.00
9	PAVEMENT MARKING	LUMP SUM	1	\$20,000.00	\$20,000.00
10	MOBILIZATION	LUMP SUM	1	\$30,000.00	\$30,000.00
11	TRAINEES	HOUR	500	\$1.00	500.00
12	ENGINEER'S FIELD OFFICE. TY. A	CAL MONTH	8	\$1,000.00	\$8,000.00
	CONTINGENCY (~30%)	LUMP SUM	1	\$275,000.00	\$275,000.00
·					
POTAL C	OCCE OF CONCERN ACTION AS				
IVIAL (	COST OF CONSTRUCTION ITEMS				\$1,183,500.0

ESTIMATES MUST BE BASED UPON QUANTITIES AND UNIT COSTS WHENEVER POSSIBLE. LUMP SUM AMOUNTS ARE NOT ACCEPTABLE.

### ATTACHMENT 3 - UNSIGNALIZED INTERSECTIONS NEEDING UPDATE

### FILL OUT FOR EACH UNSIGNALIZED INTERSECTION (2 {PER PAGE)

Provide Existing and Proposed Conditions for Each Item

Location: Galigan Road and Huntley Road - Existing

	conditions: On the HCM Input Module Worksheet, indicate/sketch the number of through an shared lanes, all designated turn pockets and the length of all turn pockets, lane width for all lanes, percent grade, free flow speed and saturation flow rate for all legs within the intersection
b.	Traffic Control (4-way stop, two-way stop, etc.) one-way stop
	1-WAY
c.	Other Conditions:
d.	Sidewalks/bicycle facilities: ☐ Sidewalk ☐ Bicycle/Multi-Use ☑ Neither  Locations:
	Special Problems:
Principles.	Conditions: On the HCM Input Module Worksheet, indicate/sketch the number of through ar shared lanes, all designated turn pockets and the length of all turn pockets, lane width for all
on: Ga	Conditions: On the HCM Input Module Worksheet, indicate/sketch the number of through ar shared lanes, all designated turn pockets and the length of all turn pockets, lane width for all lanes, percent grade, free flow speed and saturation flow rate for all legs within the intersection.  Traffic Control (4-way stop, two-way stop, etc.) one-way stop.  1-WAY
on: Ga	Conditions: On the HCM Input Module Worksheet, indicate/sketch the number of through an shared lanes, all designated turn pockets and the length of all turn pockets, lane width for all lanes, percent grade, free flow speed and saturation flow rate for all legs within the intersection.  Traffic Control (4-way stop, two-way stop. etc.) one-way stop.
on: Ga	Conditions: On the HCM Input Module Worksheet, indicate/sketch the number of through an shared lanes, all designated turn pockets and the length of all turn pockets, lane width for all lanes, percent grade, free flow speed and saturation flow rate for all legs within the intersection.  Traffic Control (4-way stop, two-way stop, etc.) one-way stop.  1-WAY

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Chapter 16 - Signalized Intersections

Volume, V (veh/h)  % heavy vehicles, % HV  Peak-hour factor, PHF  Pretimed (P) or actuated (A)  Start-up lost time, I. (s)  Extension of effective green time, e (s)  Arrival type, AT  Approach pedestrian volume, V (a) (p/h)  Apomach bicycle volume, V (b) (bicycles/h)  Parting (Y or M)  Porting manusurers, Na (manusurers/h)  Bus stopping, Na (buses/h)  Min. timing for pedestrians of the first	phway Capacify Manual 200		e Improvemen	ent both befo d workshee	ore and after ets are required
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Approach dicycle volume, 2 v <sub>the</sub> (bicycles/h)  Parking (Y or M)  Parking maneuvers, N <sub>m</sub> (maneuvers/h)  Bus stopping, N <sub>B</sub> (buses/h)  Min. timing for pedestrians, <sup>9</sup> O <sub>B</sub> (s)  Signati Phissing, Plan	oval type, AT				
Parking (Y or M)  Parking maneuvers, N <sub>m</sub> (maneuvers/h)  Bus stopping, N <sub>B</sub> (buses/h)  Min. timing for pedastrians, 0 <sub>G</sub> (s)  Signal Phissing, Plan	wosch pedastrian volume, 2 v <sub>and</sub> (p/h)		******	M	
Parking maneuvers, N <sub>m</sub> (maneuvers/h) Bus stopping, N <sub>B</sub> (buses/h) Who, timing for pedestrians, <sup>9</sup> O <sub>E</sub> (s) Silpman Phissing, Plan	Wo3ch Orcycle volume,2 v <sub>blc</sub> (bicycles/h)		***************************************		
Bus stopping, Ng (buses/n)  Who, timing for pedastrians, 0 g (s)  Silpnati Phissing, Plan		1/4	N		
Min. timing for pedastrians, 6 g (s)	THE RESIDENCE OF THE PARTY OF T				TO THE REST
The state of the s	Liming for pedestrians, <sup>8</sup> G <sub>p</sub> (s)				
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D 61 62 93 64 65 66 67 68			25	<b>9</b> 6 <b>9</b> 7	20
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Timing G= G= G> G= G= G= G= G= Y= Y= Y= Y= Y= Y=	Ing G= G= G Y= Y= Y	G = Y=		GE GE	
A Producted home	- 11-	.≠ Pi	ermitted turns		
Notes		10000		Party Party Co.	ACCOUNTAGE OF THE
1. RT volumes, as shown, exclude REDR.	2		<b>有其事。其实</b> 有法		
Approach potentian and bioyole velouses are those that couldn't with right turns from the subject approach.  Refer to Equation 16-2,	eacht sta zeitster einvold bas nebbeeben dasoroo	that coulded their eight to	one from the subject approx	th.	

Chapter 18 - Signalized intersections